

(12) **United States Design Patent**
Pan

(10) **Patent No.:** **US D1,011,527 S**

(45) **Date of Patent:** **** Jan. 16, 2024**

(54) **EAR SAMPLER**

(71) Applicant: **Zhiwen Pan**, Zhuzhou (CN)

(72) Inventor: **Zhiwen Pan**, Zhuzhou (CN)

(**) Term: **15 Years**

(21) Appl. No.: **29/880,054**

(22) Filed: **Jul. 17, 2023**

(51) **LOC (14) Cl.** **24-01**

(52) **U.S. Cl.**
USPC **D24/151**

(58) **Field of Classification Search**
USPC D24/107, 119, 133, 141, 146, 147, 151,
D24/173, 193; D28/55, 99
CPC A61Q 90/00; A61F 11/00; A61F 11/006;
A61F 7/12; A61F 6/18; A61F 9/00; A61B
17/24; A61M 11/06; A61M 37/00
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS			
D246,189 S	*	10/1977 Smith	D24/173
D318,117 S	*	7/1991 Michelson	D24/147
D931,458 S	*	9/2021 Wang	D24/151
D932,011 S	*	9/2021 Wang	D24/151
D951,448 S	*	5/2022 Wang	D24/151
D952,149 S	*	5/2022 Wang	D24/151
D952,150 S		5/2022 Yang	
D961,078 S	*	8/2022 Wang	D24/151
D963,858 S	*	9/2022 Wang	D24/151
D963,859 S	*	9/2022 Wang	D24/151
D972,139 S	*	12/2022 Wang	D24/151
D994,119 S	*	8/2023 Chen	D24/151
2003/0163150 A1	*	8/2003 Kim	A61F 11/006 606/162
2017/0224537 A1	*	8/2017 Shuman	A61F 11/006
FOREIGN PATENT DOCUMENTS			
EM	015027654-0001	*	7/2023
GB	6149970	*	7/2021
GB	6220683	*	8/2022

OTHER PUBLICATIONS

“Bebird: Ear Camera.” Found online at amazon.com. Aug. 31, 2023. Reference dated Mar. 25, 2023. Retrieved from <https://www.amazon.com/dp/B0BZKD4SLK/>.*

“Loyker: Ear Wax Removal Tool.” Found online at amazon.com. Mar. 3, 2023. Reference dated Dec. 10, 2021. Retrieved from <https://www.amazon.com/Removal-Cleaner-Camera-Otoscope-Android/dp/B09NDGHV2K/>.*

“Edicc: Ear Wax Removal.” Found online at amazon.com. Aug. 31, 2023. Reference dated Jul. 18, 2023. Retrieved from <https://www.amazon.com/dp/B0C823NJVR/>.*

“Pincolino: Ear Wax Removal.” Found online at amazon.com. Aug. 31, 2023. Reference dated May 4, 2023. Retrieved from <https://www.amazon.com/Pincolino-Removal-Cleaner-Cleaning-Android/dp/B0C49LNRD2?th=1>.*

* cited by examiner

Primary Examiner — Kendra Leslie Hamilton
Assistant Examiner — Elizabeth S Struble
(74) *Attorney, Agent, or Firm* — Vladimir Postnikov

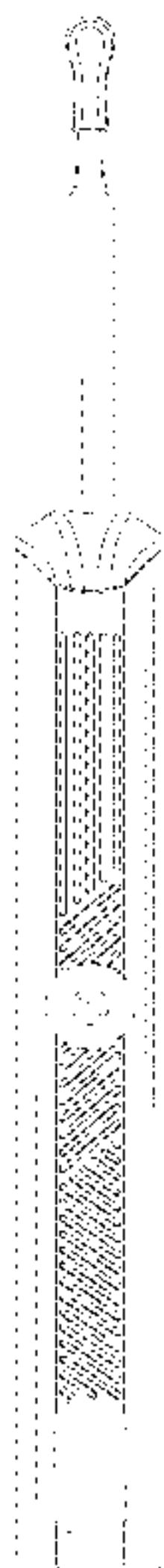
(57) **CLAIM**

The ornamental design for an ear sampler, as shown and described.

DESCRIPTION

FIG. 1 is a front elevation view of an ear sampler showing the new design;
FIG. 2 is a back elevation view thereof;
FIG. 3 is a left-side elevation view thereof;
FIG. 4 is a right-side elevation view thereof;
FIG. 5 is a top plan view thereof;
FIG. 6 is a bottom plan view thereof;
FIG. 7 is a top, front, left perspective view thereof; and,
FIG. 8 is bottom, rear, right perspective view thereof.
The equal-length broken lines depict portions of the ear sampler that form no part of the claimed design.

1 Claim, 8 Drawing Sheets



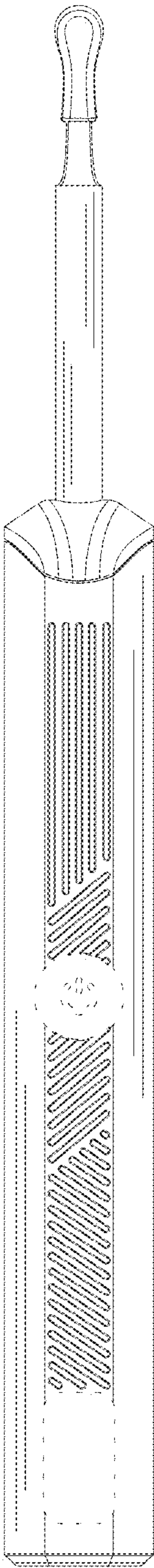


FIG. 1

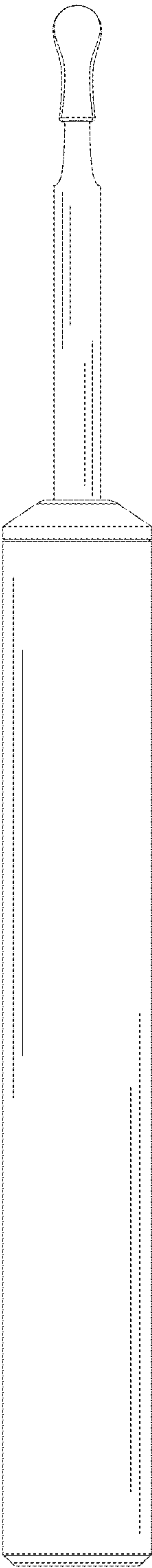


FIG. 2

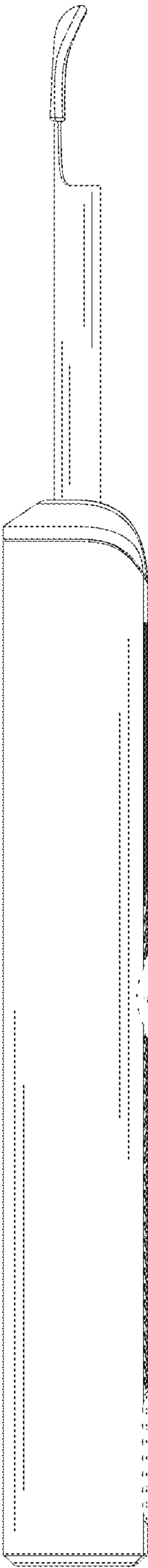


FIG. 3

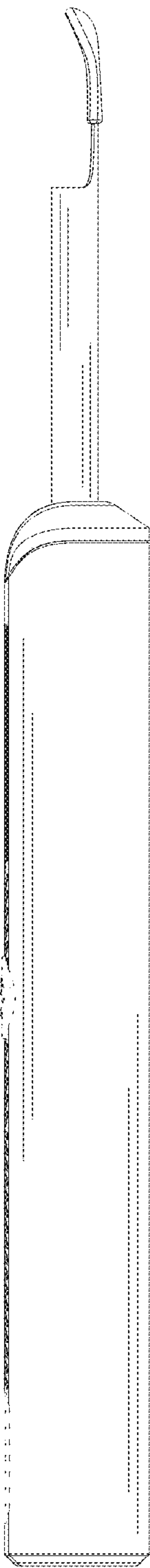


FIG. 4

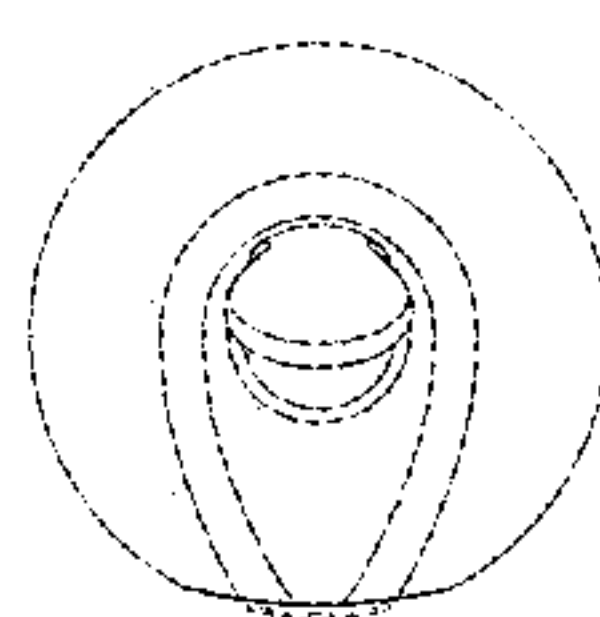


FIG. 5

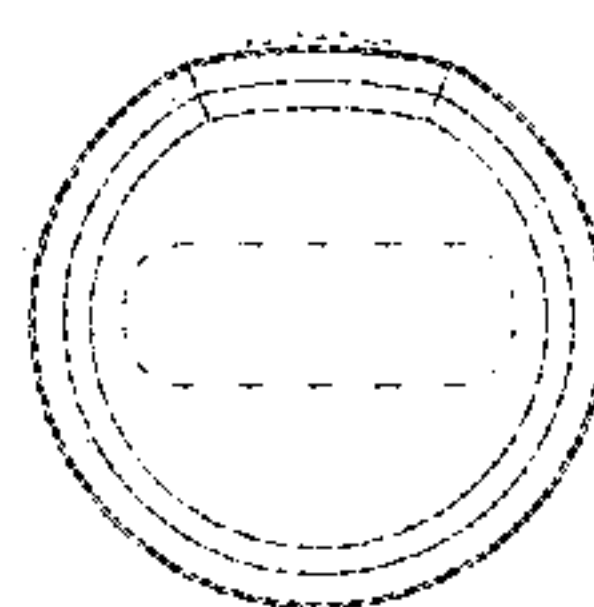


FIG. 6

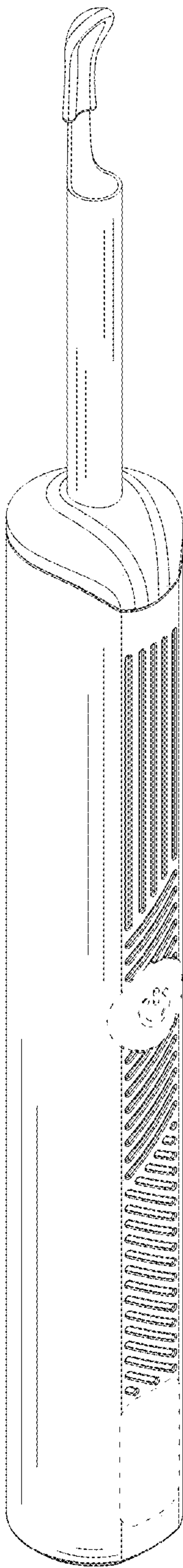


FIG. 7

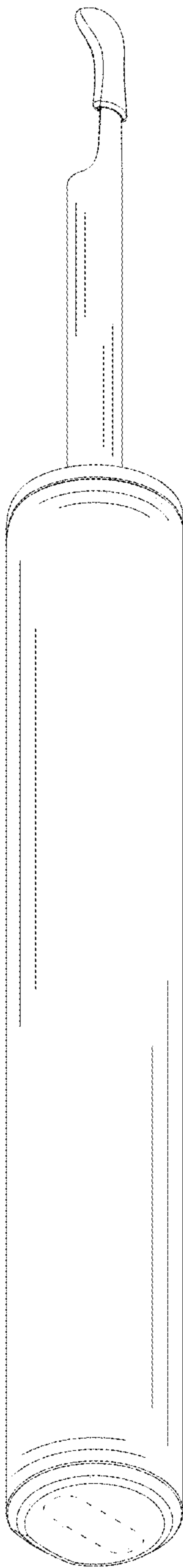


FIG. 8